IN THE CLAIMS

1. (currently amended) Low expansion transparent glass-ceramics obtained by heat treating a base glass produced at a melting temperature of 1530°or below, said glass-ceramics containing 0.5 - 2% of CaO on the basis of the amount of total oxides having an average linear thermal expansion coefficient (α) within a range from $+6\times10^{-7}$/°C to $+35\times10^{-7}$/°C within a temperature range from 100° to 300°and having 80% transmittance wavelength (T_{80}) of 700nm or below.

2. (original) Low expansion transparent glass-ceramics as defined in claim 1 wherein internal transmittance for a plate having thickness of 10mm is 75% or over at light wavelength of 1550nm.

3. (original) Low expansion transparent glass-ceramics as defined in claim 1 having a heat resisting temperature of 800°C or over.

4. (original) Low expansion transparent glass-ceramics as defined in claim 1 having Young's modulus of 90 GPa or over.

5. (original) Low expansion transparent glass-ceramics as defined in claim 1 containing β-quartz or β-quartz solid solution as a predominant crystal phase.

6. (original) Low expansion transparent glass-ceramics as defined in claim 1 containing 1.5% - 3.5% Li_2O in mass % on the basis of amount of total oxides.

7. (original) Low expansion transparent glass-ceramics as defined in claim 1 wherein amount of eluting lithium ion is less than 0.0050μg/cm^2.

8. (original) Low expansion transparent glass-ceramics as defined in claim 1 containing 3% - 6% TiO_2 in mass % on the basis of amount of total oxides.

9. (original) Low expansion transparent glass-ceramics as defined in claim 1 containing three or more ingredients among RO ingredients (where R is Mg, Ca, Sr, Ba or Zn) in an amount of 0.5% or over in mass % on the basis of amount of total oxides for respective ingredients.

10. (original) Low expansion transparent glass-ceramics as defined in claim 9 containing ZnO in a larger amount than other RO ingredients in mass % on the basis of amount of total oxides.

11. (original) Low expansion transparent glass-ceramics as defined in claim 9 containing a total amount of the RO ingredients of 3.5% or over in mass % on the basis of amount of total oxides.

12. (original) Low expansion transparent glass-ceramics as defined in claim 1 containing a total amount of R'O ingredients (where R' is Mg, Ca, Ba or Sr) of 3% - 13% in mass % on the basis of amount of total oxides.

13. (original) Low expansion transparent glass-ceramics as defined in claim 1 comprising in mass % on the basis of amount of total oxides:

SiO_2	50 - 65%
Al_2O_3	20 - 30%
MgO	0.5 - 2%
CaO	0.5 - 2%
SrO	0 - 10%

BaO	1 - 5%
ZnO	0.5 - 15%
Li_2O	1.5 - 3.5%
TiO_2	3 - 6%
ZrO_2	1 - 5%
Nb_2O_5	0 - 5%
La_2O_3	0 - 5%
Y_2O_3	0 - 5%
As_2O_3 and/or Sb_2O_3	0 - 2%.

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43. (new) Low expansion transparent glass-ceramics obtained by heat treating a base glass produced by melting oxides at a melting temperature of 1530°or below, said glass-ceramics having an average linear thermal expansion coefficient (α) within a

range from $+6\times10^{-7}/°C$ to $+35\times10^{-7}/°C$ within a temperature range from 100° to 300°and having 80% transmittance wavelength (T_{80}) of 700nm or below said oxides being selected from the group comprising in mass % on the basis of the amount of total oxides:

SiO_2	50 - 65%
Al_2O_3	0 - 30%
MgO	0.5 - 2%
CaO	0.5 - 2%
SrO	0 - 10%
BaO	1 - 5%
ZnO	0.5 - 15%
Li_2O	1.5 - 3.5%
TiO_2	3 - 6%
ZrO_2	1 - 5%
Nb_2O_5	0 - 5%
La_2O_3	0 - 5%
Y_2O_3	0 - 5%
As_2O_3 and/or Sb_2O_3	0 - 2%.